

XP-002205047

AN - 1985-281956 [45]

AP - SU19823659582 19820317

CPY - UYKA

DC - P14 P34 S05 X25

FS - GMPI;EPI

IC - A01K41/00 ; A61N5/00

IN - INYUSHIN V M; KUZNETSOV A F; SHABAEV V P

MC - S05-A03A X25-N02

PA - (UYKA) UNIV KAZA

PN - SU1153860 A 19850507 DW198545 003pp

PR - SU19823459582 19820317; SU19823659582 19820317

XIC - A01K-041/00 ; A61N-005/00

XP - N1985-210317

AB - SU1153860 The method, esp. for promoting embryo development during incubation, involves treating the eggs with light pulses. The light pulses are in the form of coherent electromagnetic oscillations with between one-tenth and one-fifteenth of the eggs' total mass being treated between the first and fifteenth days of incubation. The coherent electromagnetic oscillations are provided by a helium-neon laser at a strength of 0.015-0.020W/cm², a pulse duration of 1-1.5 sec. and exposure of 15.102J/cm² per egg.

- **ADVANTAGE** - Faster embryonic and post-embryonic development.
Bul.17/7.5.84 (3pp Dwg.No.0/0)

IW - DUCK EGG PROCESS LIGHT PULSE INCUBATE PULSE HELIUM NEON LASER FORM COHERE ELECTROMAGNET OSCILLATING

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INW - INYUSHIN V M; KUZNETSOV A F; SHABAEV V P

NC - 001

OPD - 1982-03-17

ORD - 1985-05-07

PAW - (UYKA) UNIV KAZA

TI - Duck egg processing using light pulses during incubation - providing pulses with helium-neon laser in form of coherent electromagnetic oscillations